

Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Currently Amended) A mechanical arm, comprising:
 - a base;
 - a first linkage pivotally attached to said base at a first pivot, said first pivot comprising a first axle; pivot;
 - a second linkage pivotally attached to said first linkage at a second pivot, said second pivot comprising a second axle; pivot;
 - a first spring attached between an anchor point defined on said first linkage and said first pivot;
 - a second spring attached between an anchor point defined on said second linkage and said second pivot;
 - ~~—— wherein said first and second pivots comprise a first axle and a second axle respectively;~~
 - a first ring disposed around said first axle, said first spring attached to said first ring; axle and a second ring disposed around ~~round~~ said second axle, said second spring attached to said second ring. axle; and
 - ~~—— wherein said first spring is attached to said first ring and said second spring is attached to said second ring.~~

3. (Previously Presented) The arm of Claim 2 further comprising a cable ~~eable~~, disposed around said first ring and said second ring ~~ring~~, such that movement of said first linkage about said first pivot causes said second ring to rotate about said second axle such as to keep a ~~the~~ relative position of said second ring with respect to a horizontal plane constant.

4. (Original) The arm of Claim 3 wherein said first ring is unable to rotate with respect to a horizontal reference.

5. (Original) The arm of Claim 4 wherein said springs are attached to said pivot points via a hole disposed in said rings.

6. (Currently Amended) The arm of Claim 4 further comprising:
a first cable ~~eable~~, attached at a first ~~one~~ end to said first spring, ~~spring~~ and wherein ~~the opposite~~ a second end of said first cable is wrapped around and unmoveably attached to said first ring, ~~said second end of said first cable opposite said first end of said first cable; ring; and~~
a second cable ~~eable~~, attached at a first ~~one~~ end to said second spring, ~~spring~~ and ~~wherein the opposite~~ a second end of said second cable is wrapped around and unmoveably attached to said second ring, ~~said second end of said second cable opposite said first end of said second cable. ring.~~

7. (Previously Presented) The arm of Claim 2 wherein said first axle and said second axle are hollow.

8. (Currently Amended) The arm of Claim 4 wherein said base and a first ~~one~~ end of said first linkage are rotatably attached to said first axle and further wherein a second ~~the other~~ end of said first linkage and a first ~~one~~ end of said second linkage are rotatably attached to said second axle.

9. (Previously Presented) The arm of Claim 4 wherein said first and said second springs and said first and said second rings are hidden from view within said first and said second linkages.

10. (Currently Amended) The arm of Claim 8 further comprising an apparatus, said apparatus being rotatably attached to a second end ~~the other end~~ of said second linkage.

11. (Previously Presented) The arm of Claim 10 wherein said apparatus is selected from a group consisting of a lamp, a computer monitor, a lab instrument and a microphone.

12. (Original) The arm of Claim 10 further comprising an electrical cord for providing electrical power to said attachment, said electrical cord being channeled around said second pivot and wherein said electrical cord has a coiled portion disposed in said first linkage, such that movement of said second linkage with respect to said first linkage cause said coiled portion of said electrical cord to expand and contract.

13. (Previously Presented) The arm of claim 9 wherein said linkages are constructed of a material selected from a group consisting of metal and plastic.